Amendments to the Claims:

This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims

1. (currently amended) A method of allocating a plurality of data frames amongst a plurality of basestations, said plurality of data frames spanning an interval of time, said method comprising:

for each of said plurality of basestations, allocating a sub-set of said plurality of data frames, each data frame comprising a plurality of time slots, said sub-set being contiguous in time within said interval of time.

2. (original) The method of claim 1 wherein each of said plurality of basestations operates using the same carrier frequency.

3. (currently amended) The method of claim 2 wherein said each data frame[[s are]] comprises eight timeslots in a Time Division Multiple Access (TDMA) wireless network.

4. (original) The method of claim 1 wherein said plurality of basestations form part of a TDMA wireless network employing at least one of the Enhanced Data rates for Global Evolution (EDGE) and EDGE Compact standards.

5. (original) The method of claim 1 further comprising:

wherein said each of said plurality of basestations operates using a plurality of

frequencies, allocating to each of said plurality of basestations a sub-set of said plurality of data frames for each of said plurality of frequencies used by a basestation, said sub-set of said plurality of data frames being contiguous in time within said interval of time.

6. (currently amended) A method of allocating a bitmap of resources in a wireless network amongst a plurality of co-channel basestations, said bitmap formed by a group of data frames, said method comprising:

dividing said bitmap of resources into sub-bitmaps, each of said sub-bitmaps formed by a ~~contiguous portion~~ number of contiguous data frames of said group of data frames, each of said sub-bitmaps not overlapping in time with any other of said sub-bitmaps; and

allocating at least one of said sub-bitmaps to each of said plurality of co-channel basestations.

7. (original) The method of claim 6 further comprising:

prior to said dividing, forming the size of each of said sub-bitmaps responsive to at least one of: service loads for each of said plurality of co-channel basestations during at least one previously allocated bitmap; and service demands for each of said plurality of co-channel basestations during at least one previously allocated bitmap.

8. (original) A basestation in a wireless cell, said basestation comprising:

a processing circuit in communication with memory storing computer readable instructions, said computer readable instructions adapting said processing circuit to:

receive instructions indicating a time period during which said basestation may communicate with mobilestations to be serviced by said basestation, said time

period defined by a contiguous set of data frames; and

transmit to each of said mobilestations to be serviced by said basestation data identifying a portion of time during which a mobilestation may communicate with said basestation; and

communicate with said mobilestations during said time period.

9. (original) The basestation of claim 8 wherein said instructions indicating a time period during which said basestation may communicate are defined by a group of timeslots, said group of timeslots defining a sub-bitmap.

10. (original) The basestation of claim 9 wherein said processing circuit is further adapted to:

receive instructions defining a plurality of sub-bitmaps; and

allocate each of said plurality of sub-bitmaps to a sector serviced by said basestation.

11. (original) A method of allocating wireless network resources amongst a plurality of basestations, said wireless network resources comprising a group of data frames, said method comprising:

receiving requests for wireless network resources from said plurality of basestations;

responsive to said requests, assigning to each of said plurality of basestations a portion of said wireless resources, said portion comprising a group of said data frames, said group of said frames being contiguous in time.

12. (currently amended) A method for coordinating operation of a plurality of basestations, each of said basestations operating with the same carrier frequency, said method comprising:

for a given time period, allocating a contiguous portion of said given time period to each of said plurality of basestations, wherein said contiguous portion spans a number of data frames; and

transmitting to each of said plurality basestations data identifying said contiguous portion of said given time period allocated to a basestation.

13. (original) The method of claim 12 further comprising:

prior to said allocating, determining the service load for at least some of said plurality of basestations; and

wherein the size of said contiguous portions assigned to said each of said plurality of basestations is proportional to said service loads determined.

14. (currently amended) A computer readable medium operable to provide instructions for directing a processor circuit to allocate a bitmap of resources in a wireless network amongst a plurality of co-channel basestations, said bitmap formed by a group of data frames, said instructions directing said processing circuit to:

divide said bitmap of resources into sub-bitmaps, each of said sub-bitmaps formed by a ~~contiguous portion~~ number of contiguous data frames of said group of data frames, each of said sub-bitmaps not overlapping in time with any other of said sub-bitmaps; and

allocating at least one of said sub-bitmaps to each of said plurality of co-channel basestations.

15. (original) The computer readable medium of claim 14 further adapting said processing circuit to:

form the size of each of said sub-bitmaps responsive to at least one of: service loads for each of said plurality of co-channel basestations during at least one previously allocated bitmap; and service demands for each of said plurality of co-channel basestations during at least one previously allocated bitmap.

16. (new) A method of allocating data frames amongst a plurality of basestations, comprising:

allocating a first plurality of data frames amongst said plurality of basestations, such that each of said plurality of basestations is allocated a time contiguous sub-set of said first plurality of data frames;

allocating a second plurality of data frames amongst said plurality of basestations, said second plurality of data frames being subsequent in time to, and of different number than, said first plurality of data frames, such that each of said plurality of basestations is allocated a time contiguous sub-set of said second plurality of data frames;

wherein each said data frame comprises a plurality of time slots.